

Title (en)  
FORESTRY WINCH SYSTEM

Title (de)  
FORSTSEILWINDENSYSTEM

Title (fr)  
SYSTÈME DE TREUIL FORESTIER

Publication  
**EP 2999657 A4 20170208 (EN)**

Application  
**EP 14800534 A 20140319**

Priority  
• US 201313897742 A 20130520  
• US 2014031205 W 20140319

Abstract (en)  
[origin: US2014341696A1] A winch system 10 coupled to a processor energy source 12 having multiple processor driving rollers 14. The processor 12 provides energy to the winch system 10. The winch system has a body 18 with a front face 20, a back face 22, lateral sides 24, a top 26, a bottom 28 and an imaginary vertical axis A-A. Multiple driven winch drive rollers 32 are supported by the body 18 so that they are rotatable about axes that are parallel to the vertical axis in response to the multiple processor driving rollers. A winch drum 36 is attached to the body 18. A drum gear 38 influences the speed and direction of winch drum rotation. Attached to the winch drum is a cable 40 having a proximal end 42 region and a distal end region that is detachably attachable to an object 46 to be retrieved by the winch system. The cable extends outwardly from the front 20 or back faces 22 of the body 18.

IPC 8 full level  
**A01G 23/099** (2006.01); **B66D 1/14** (2006.01); **B66D 3/00** (2006.01)

CPC (source: EP US)  
**A01G 23/099** (2013.01 - EP US); **B66D 1/14** (2013.01 - EP US); **B66D 3/006** (2013.01 - EP US)

Citation (search report)  
• [YA] US 2007194290 A1 20070823 - FOFONOFF TIMOTHY [US], et al  
• [Y] US 7478795 B2 20090120 - GRAPES DAVID B [US], et al  
• [YA] US 2929494 A 19600322 - JACQUES LOMBARDI  
• [A] US 5607143 A 19970304 - REGAL EVERET B [US]  
• See references of WO 2014189606A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2014341696 A1 20141120; US 9260277 B2 20160216**; EP 2999657 A1 20160330; EP 2999657 A4 20170208; EP 2999657 B1 20190918;  
WO 2014189606 A1 20141127

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**US 201313897742 A 20130520**; EP 14800534 A 20140319; US 2014031205 W 20140319